AMENDMENT TO THE CLAIMS

Claim 1 is amended as presented below. A detailed listing of the status of all claims that have been in the application is also hereafter provided.

1. (Currently Amended) A cross-linkable or cross-linked rubber composition usable for constituting a tire tread, said composition being based on one or more diene elastomers and a plasticizer, wherein said plasticizer comprises:

one or more synthetic and/or natural compounds not extracted from petroleum present in a mass fraction of from 45% to 100%, wherein at least one of said natural compounds is sunflower oil, said sunflower oil comprising at least one glycerol fatty acid triester, wherein as a whole, the fatty acids in said triester sunflower oil comprise oleic acid in a mass fraction equal to or greater than 70%, wherein the amount of said compounds sunflower oil in the composition is from 10 to 40 phr, and

one or more plasticizing oils extracted from petroleum in a mass fraction of from 0% to 55%, wherein the plasticizing oils are selected from the group consisting of paraffinic, aromatic and naphthenic oils.

- 2. Cancelled
- 3. (Previously Presented) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein the fatty acids comprise oleic acid in a mass fraction equal to or greater than 85%.
- 4. (Original) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein said synthetic compound not extracted from petroleum is glycerol oleic acid triester.
 - 5. Cancelled
 - 6. Cancelled

- 7. Cancelled
- 8. Cancelled
- 9. (Previously Presented) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein said plasticizers comprises one or more synthetic and/or natural compounds not extracted from petroleum in a mass fraction of from 70% to 100%, and said one or more plasticizing oils extracted from petroleum is in a mass fraction of from 0% to 30%.
- 10. (Original) The cross-linkable or cross-linked rubber composition according to according to Claim 9, wherein said plasticizer comprises one or more synthetic and/or natural compounds not extracted from petroleum in a mass fraction of from 80% to 100%, and said one or more plasticizing oils extracted from petroleum in a mass fraction from 0% to 20%.
- 11. (Original) The cross-linkable or cross-linked rubber composition according to Claim 10, wherein said plasticizer comprises one or more synthetic and/or natural compounds not extracted from petroleum in a mass of 100%.
- 12. (Previously Presented) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein said composition comprises one or more plasticizing oils extracted from petroleum in a quantity of from 0 to 30 phr.
- 13. (Previously Presented) The cross-linkable or cross-linked rubber composition according to Claim 12, wherein said composition comprises one or more synthetic and/or natural compounds not extracted from petroleum in a quantity of from 20 to 35 phr, and said one or more plasticizing oils extracted from petroleum in a quantity of from 0 to 20 phr.
- 14. (Original) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein said composition comprises between 50 phr and 100 phr of a majority of diene elastomer having a glass transition temperature of between -65°C and -10°C, and between 0 phr

and 50 phr of a minority diene elastomer having a glass transition temperature of between – 110°C and -80°C.

- 15. (Previously Presented) The cross-linkable or cross-linked rubber composition according to Claim 14, wherein said majority diene elastomer is selected from the group consisting of solution-prepared styrene-butadiene copolymers, emulsion-prepared styrene-butadiene copolymers, natural polyisoprenes, synthetic polyisoprenes having a cis-1,4 linkage content greater than 95% and mixtures thereof, and said minority diene elastomer is a polybutadiene having a cis-1,4 linkage content greater than 90%.
- 16. (Original) The cross-linkable or cross-linked rubber composition according to Claim 15, wherein said solution prepared styrene-butadiene copolymer have a glass transition temperature of from -50°C to -15°C and trans-1,4 butadiene linkage content which is greater than 50%.
- 17. (Original) The cross-linkable or cross-linked rubber composition according to Claim 16, wherein said emulsion-prepared styrene-butadiene copolymers have a glass transition temperature of from -55°C to -30°C.
- 18. (Original) The cross-linkable or cross-linked rubber composition according to Claim 14, wherein said majority diene elastomer is present an a quantity of 100 phr.
- 19. (Original) The cross-linkable or cross-linked rubber composition according to Claim14, wherein said composition comprises a blend of said majority and minority diene elastomers.
- 20. (Original) The cross-linkable or cross-linked rubber composition according to Claim 19, wherein the blend comprises polybutadienes having a cis-1,4 linkage content greater than 90% and an emulsion-prepared styrene-butadiene copolymer.

- 21. (Original) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein said reinforcing filler is carbon black in a quantity of from 60 to 200 phr.
 - 22. (Original) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein said reinforcing filler is a reinforcing white filler in a quantity equal to or greater than 70 phr.
 - 23. (Original) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein said reinforcing filler is a bled of carbon black and a reinforcing white filler.
 - 24. (Previously Presented) The cross-linkable or cross-linked rubber composition according to Claim 1, wherein said plasticizer further comprises a hydrocarbon plasticizing resin in a quantity of from 5 to 20 phr, wherein said hydrocarbon plasticizing resin is miscible in said diene elastomer(s), has a glass transition temperature of between 10°C and 150°C and a number-average molecular weight of between 400 g/mol and 2000 g/mol.
 - 25. (Original) The cross-linkable or cross-linked rubber composition according to Claim 24, wherein said plasticizing resin has a glass transition temperature of from 30°C to 100°C, a number-average molecular weight of between 400 and 1000 g/mol, and a polymolecularity index less than 2.
 - 26. (Original) A tread for a tire comprising a rubber composition in accordance with Claim 1.
 - 27. (Original) A tire comprising a tread according to Claim 26.